

Fig. 1

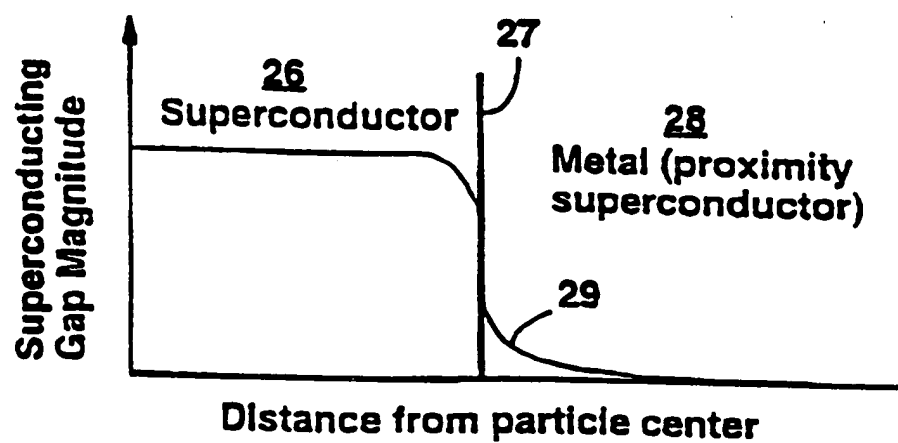


Fig. 2

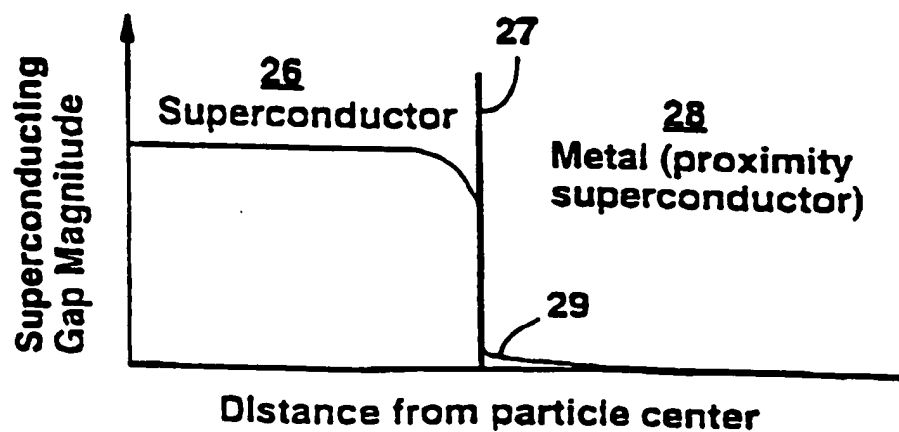
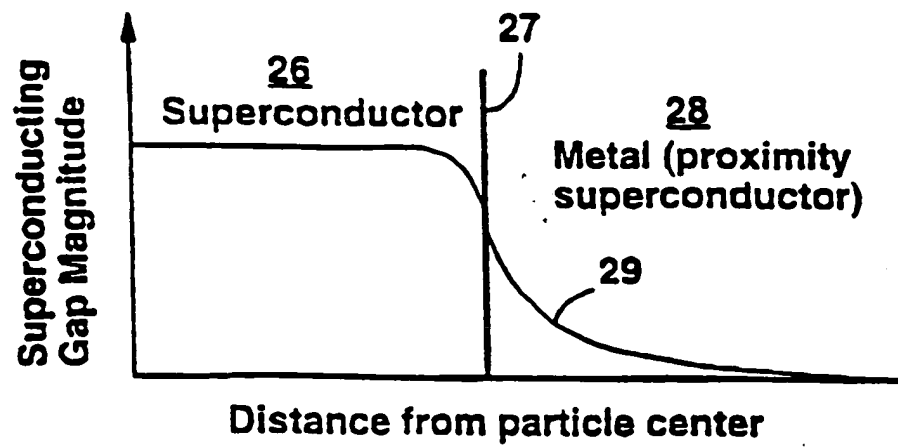
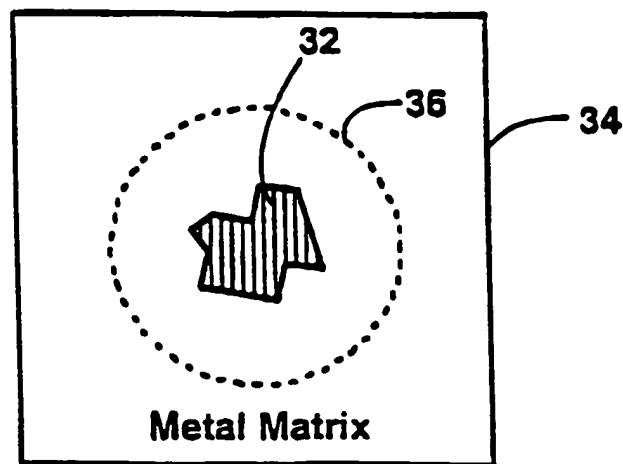


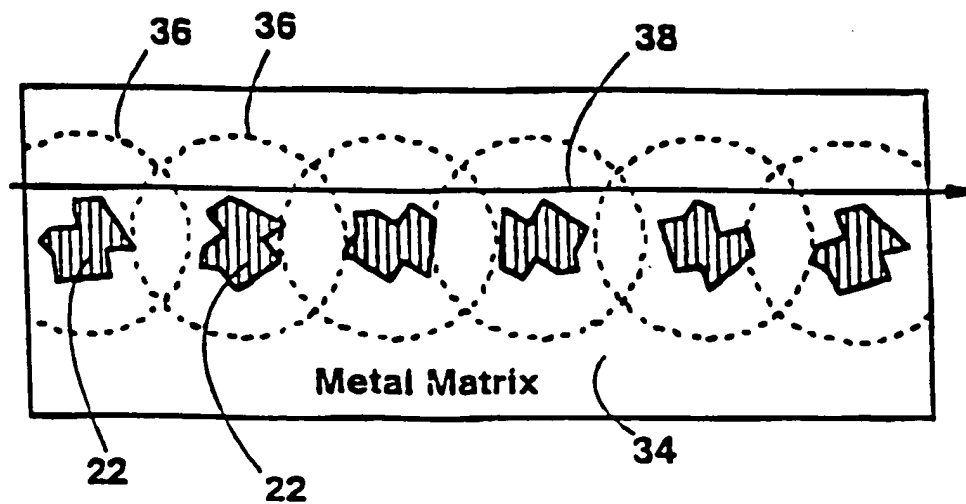
Fig. 3



**Fig. 4**



**Fig. 5**



**Fig. 6**

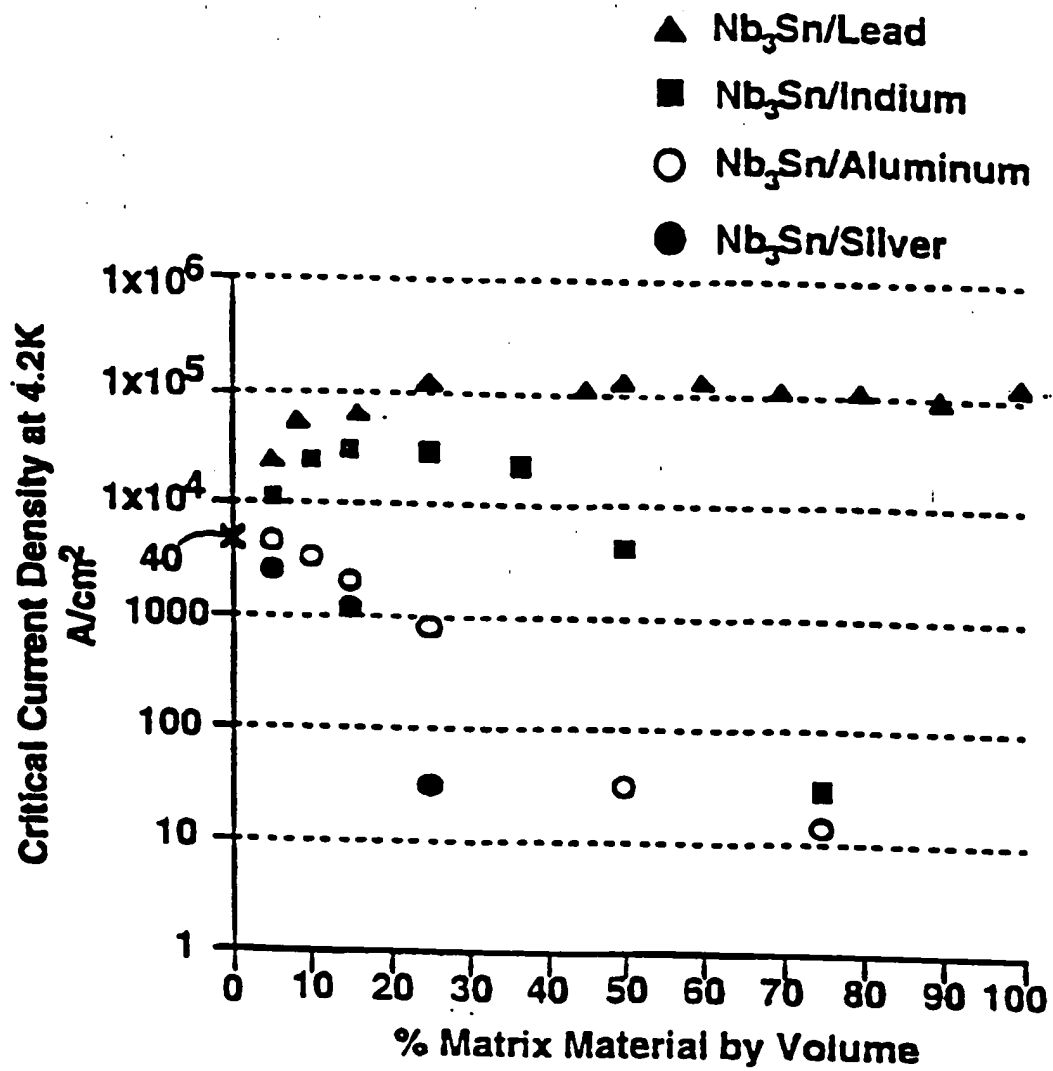
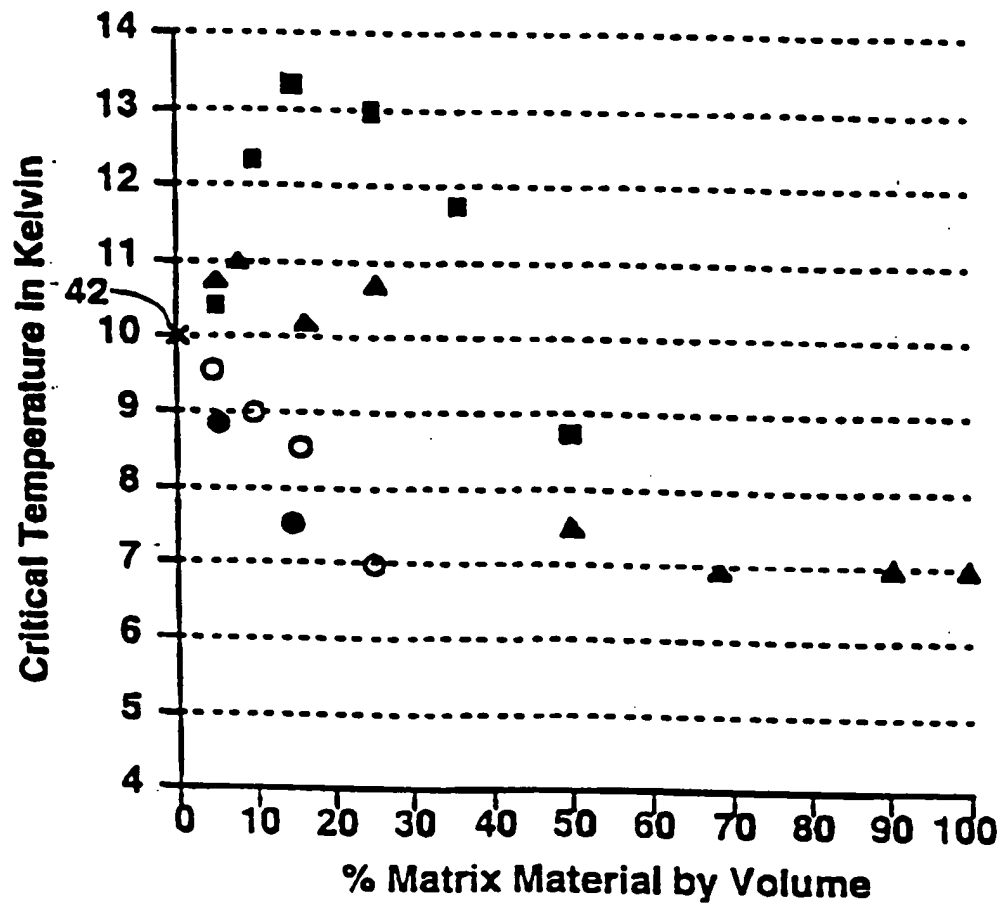


Fig. 7

Fig. 8

- ▲  $\text{Nb}_3\text{Sn}/\text{Lead}$
- $\text{Nb}_3\text{Sn}/\text{Indium}$
- $\text{Nb}_3\text{Sn}/\text{Aluminum}$
- $\text{Nb}_3\text{Sn}/\text{Silver}$



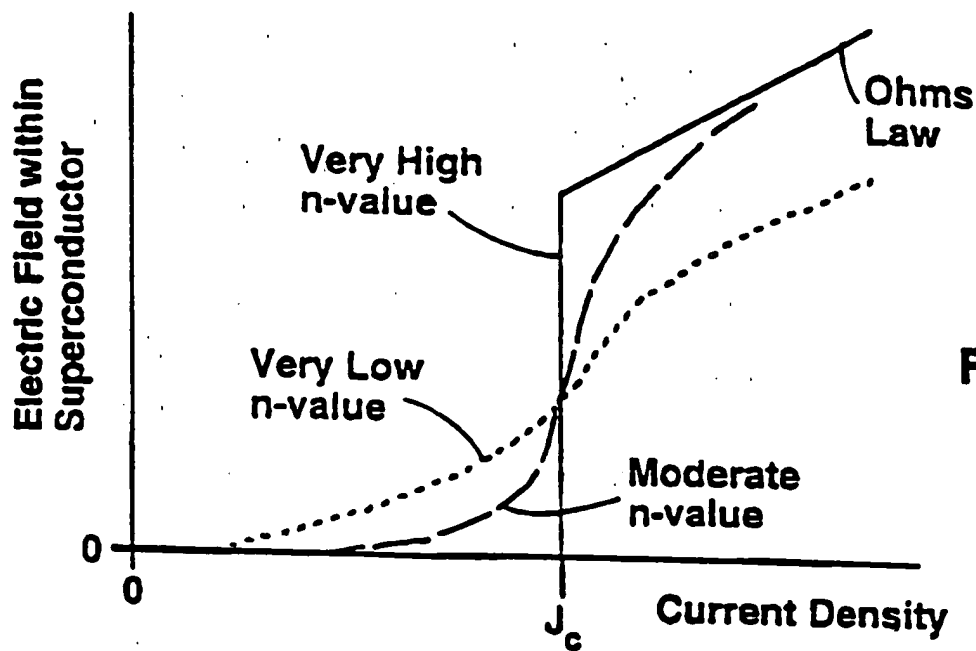


Fig. 9

Fig. 10

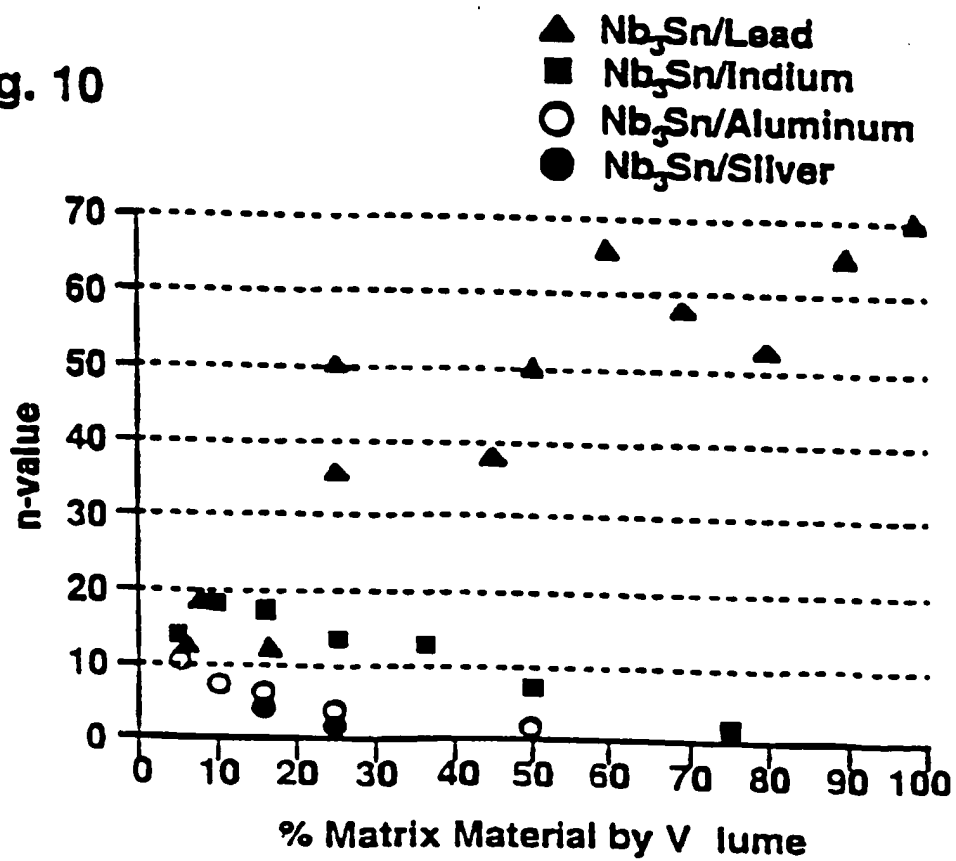
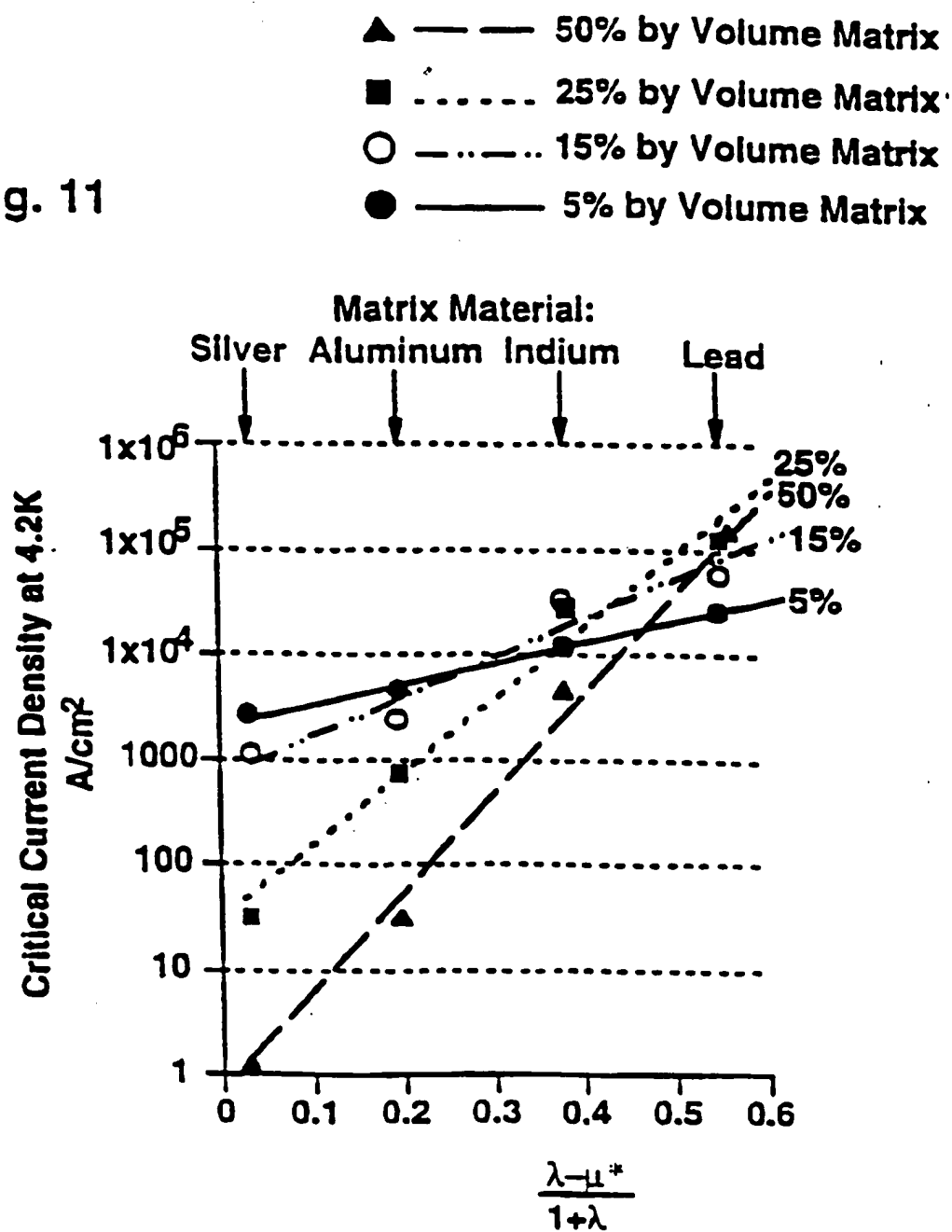


Fig. 11



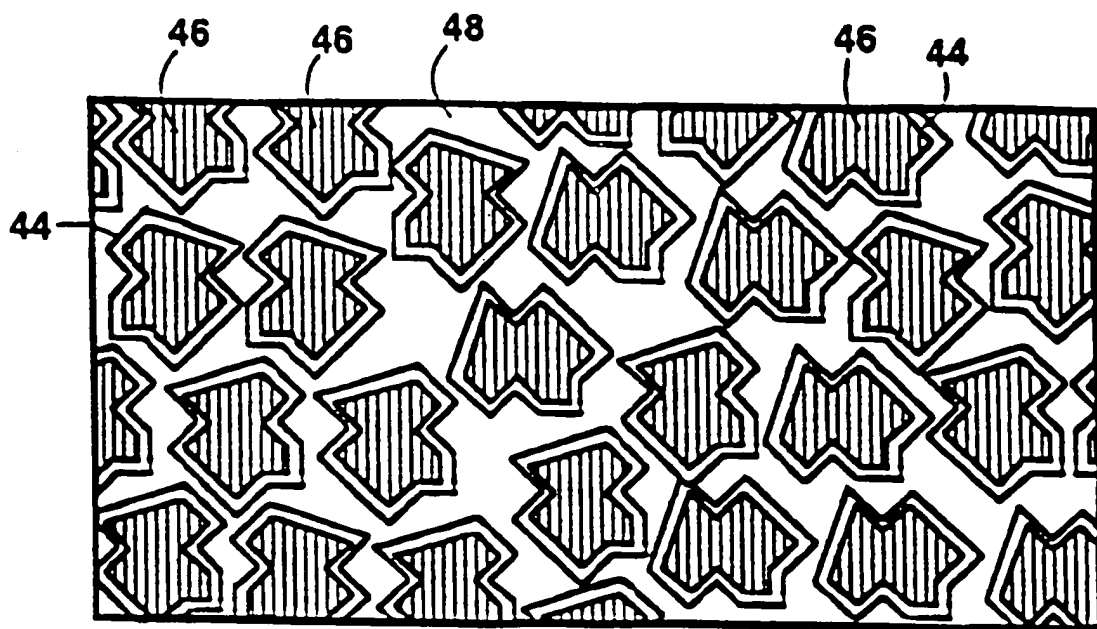


Fig. 12

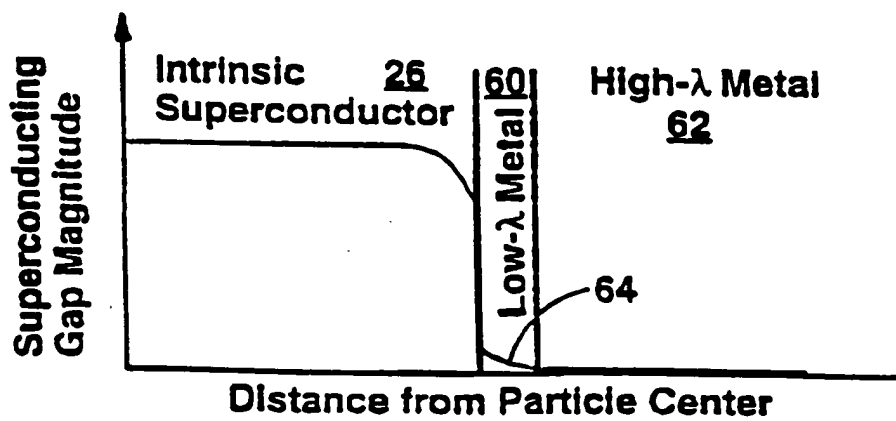


Fig. 14

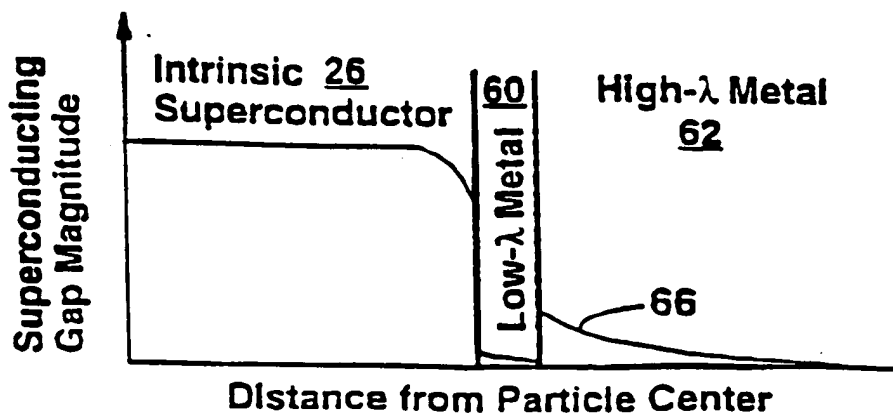
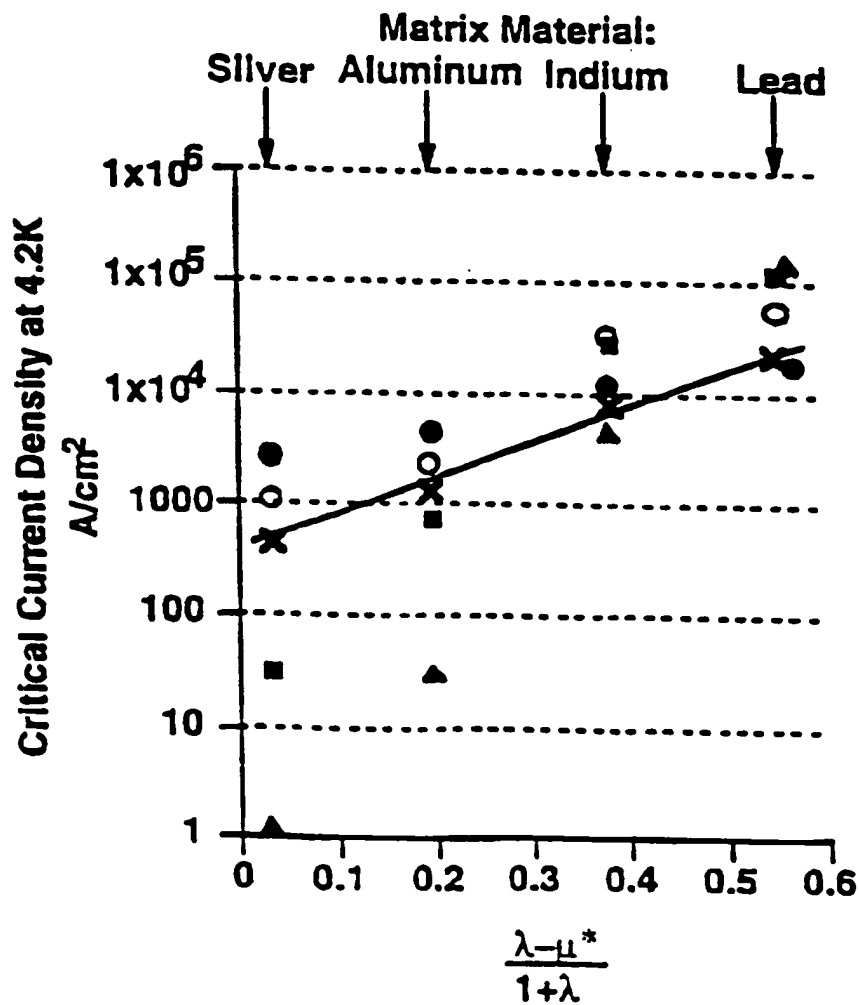


Fig. 15

- ▲ 50% by Volume Matrix
- 25% by Volume Matrix
- 15% by Volume Matrix
- 5% by Volume Matrix
- ✕ — Nb<sub>3</sub>Sn particles coated with silver. Silver coating is about 5% by volume. Matrix material is about 15% by volume.

Fig. 13





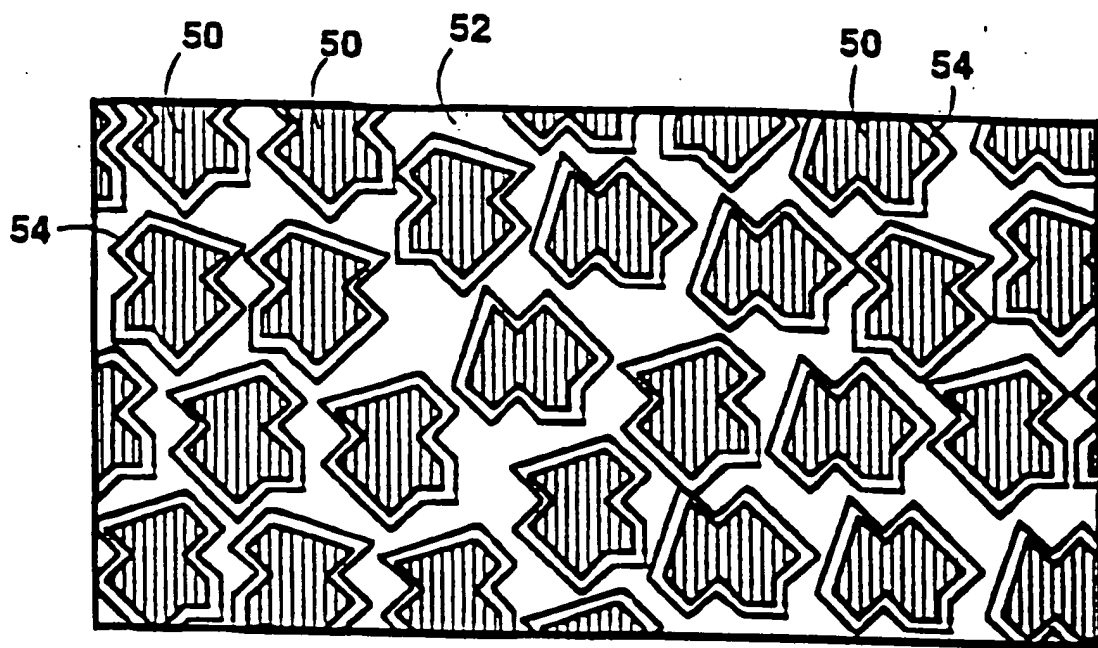


Fig. 16

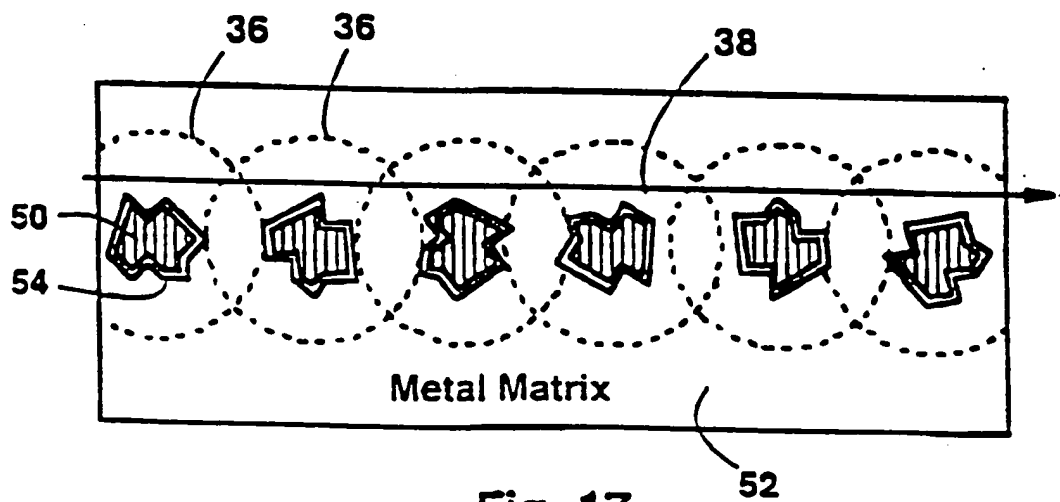


Fig. 17

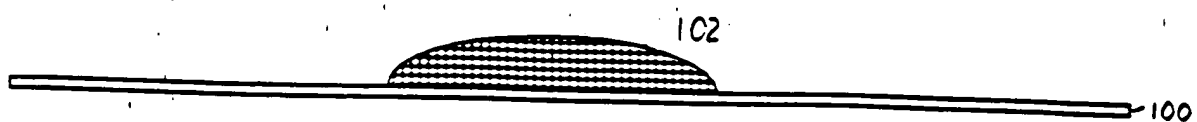


FIG 18

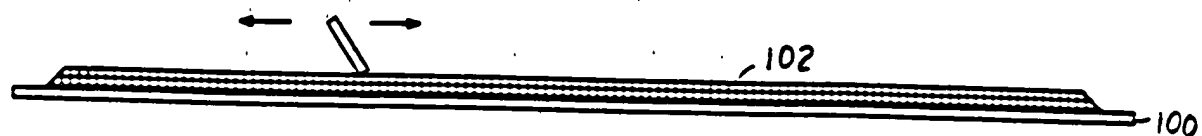


FIG 19

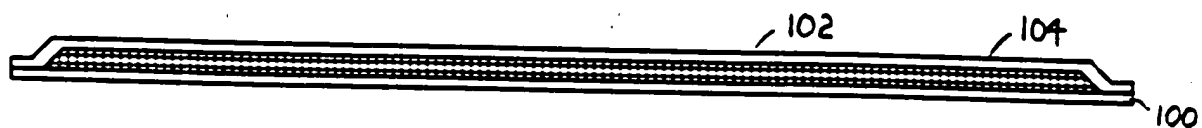


FIG 20

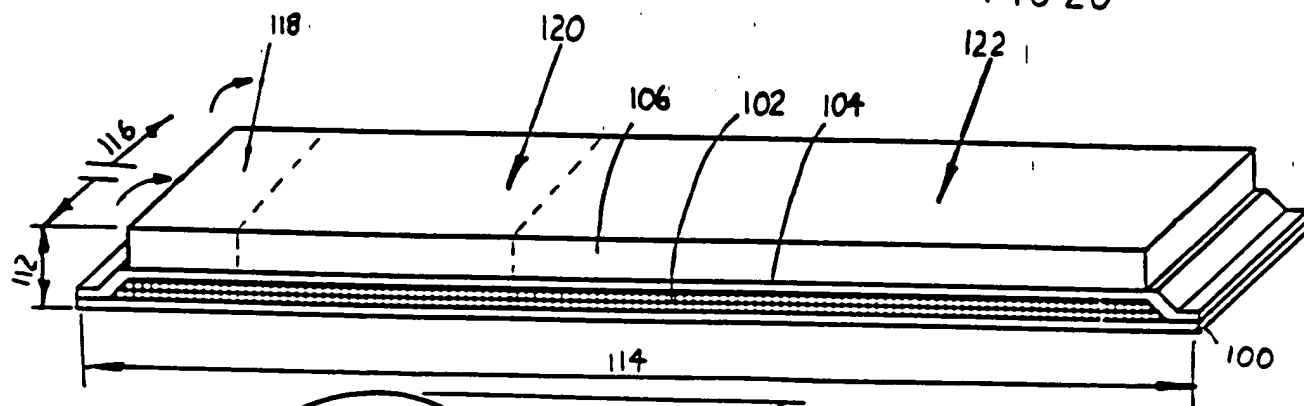


FIG 21

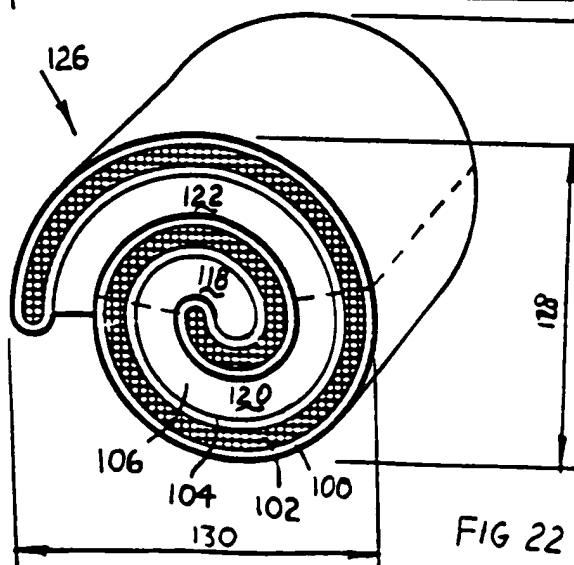


FIG 22

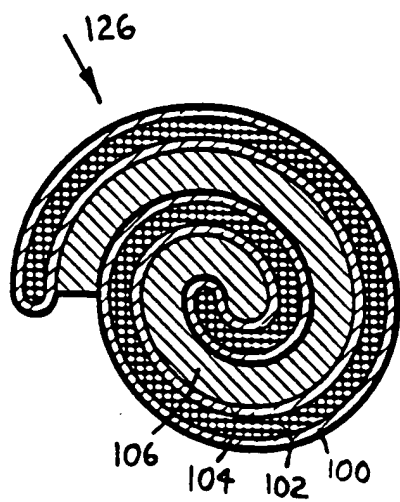
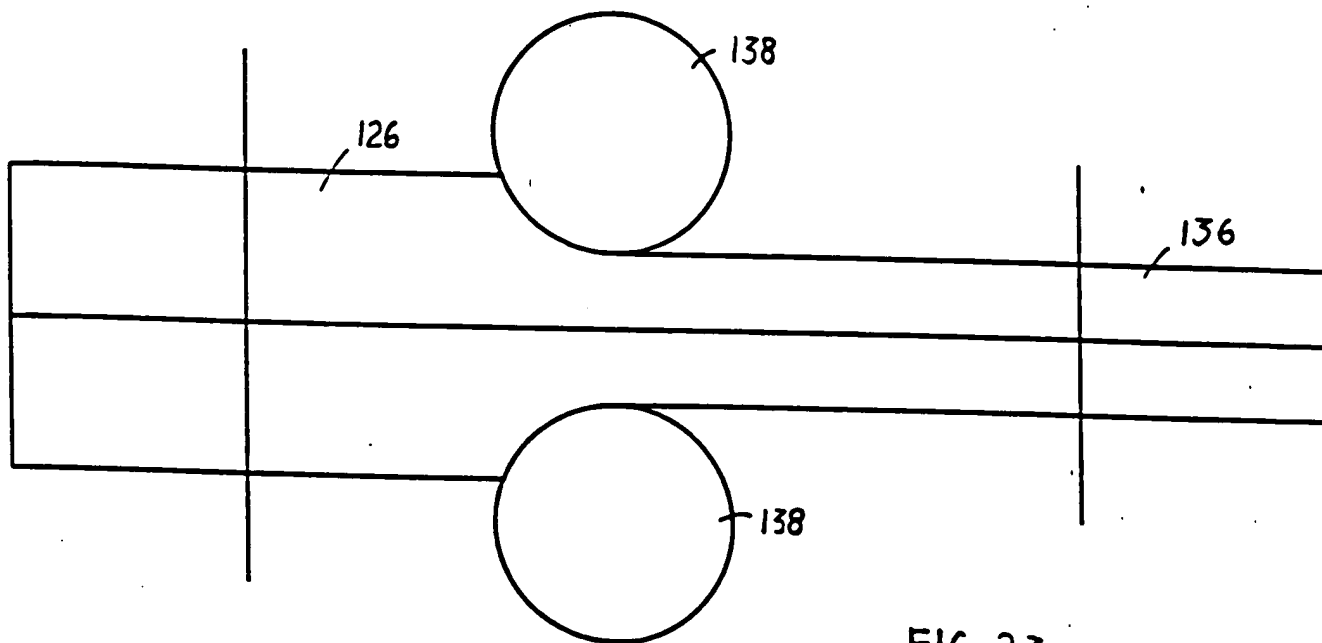


FIG 24

FIG 23

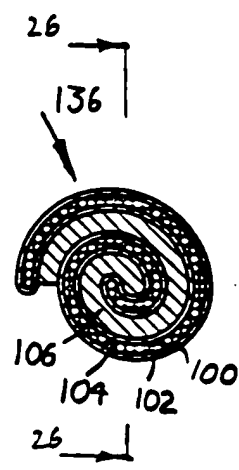


FIG 25

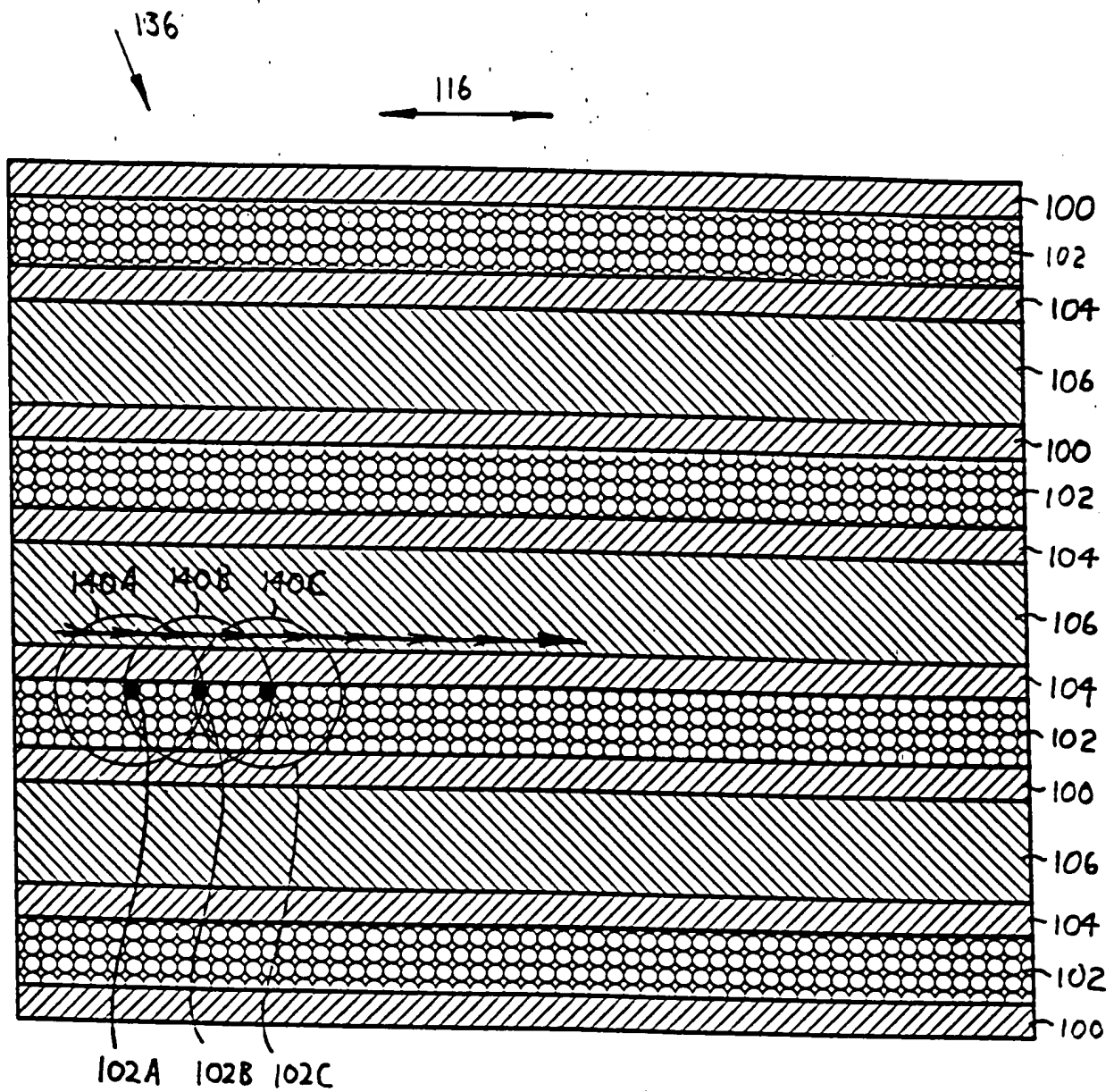


FIG 26

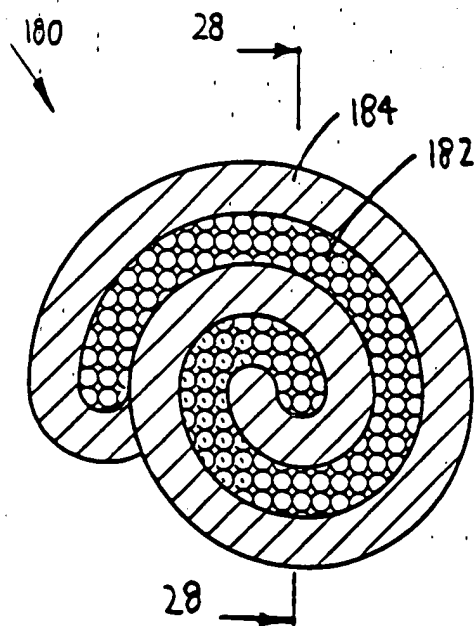


FIG 27

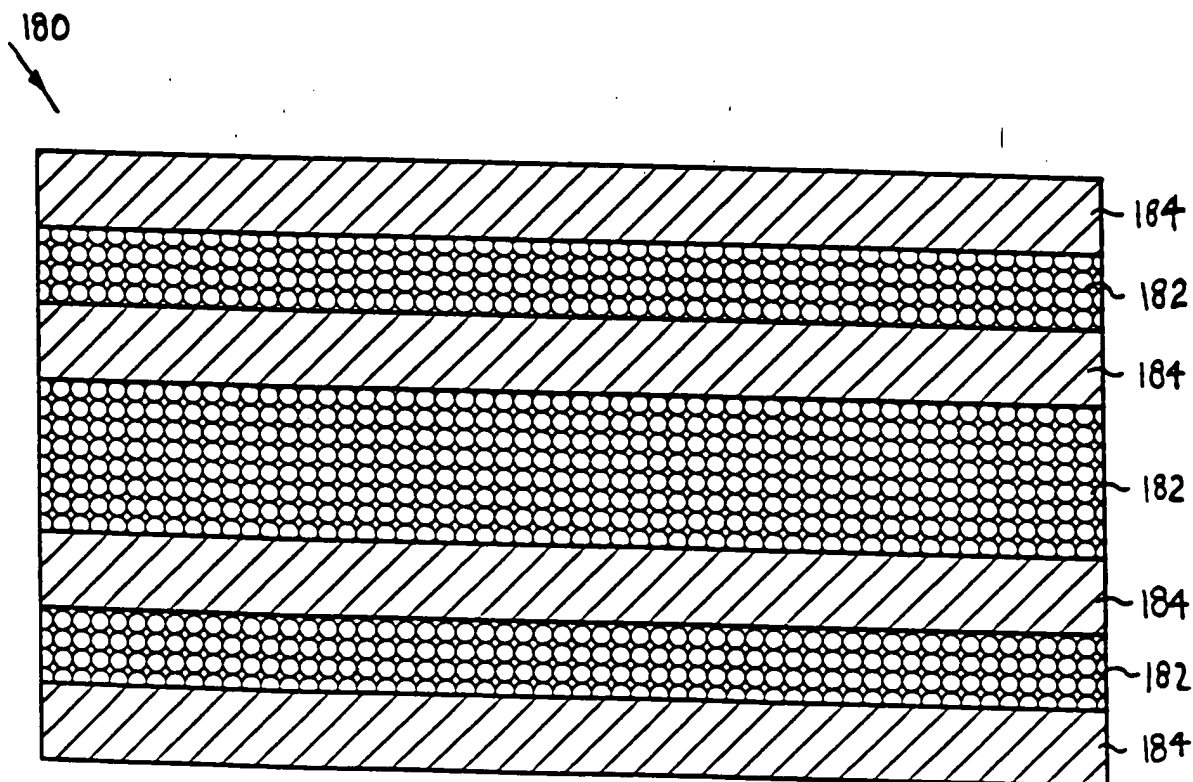


FIG 28

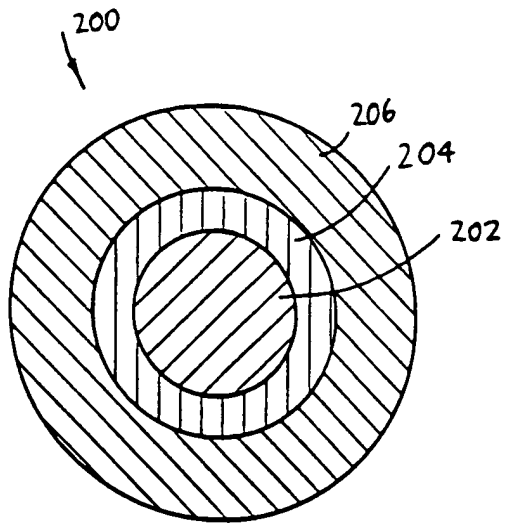


FIG 29

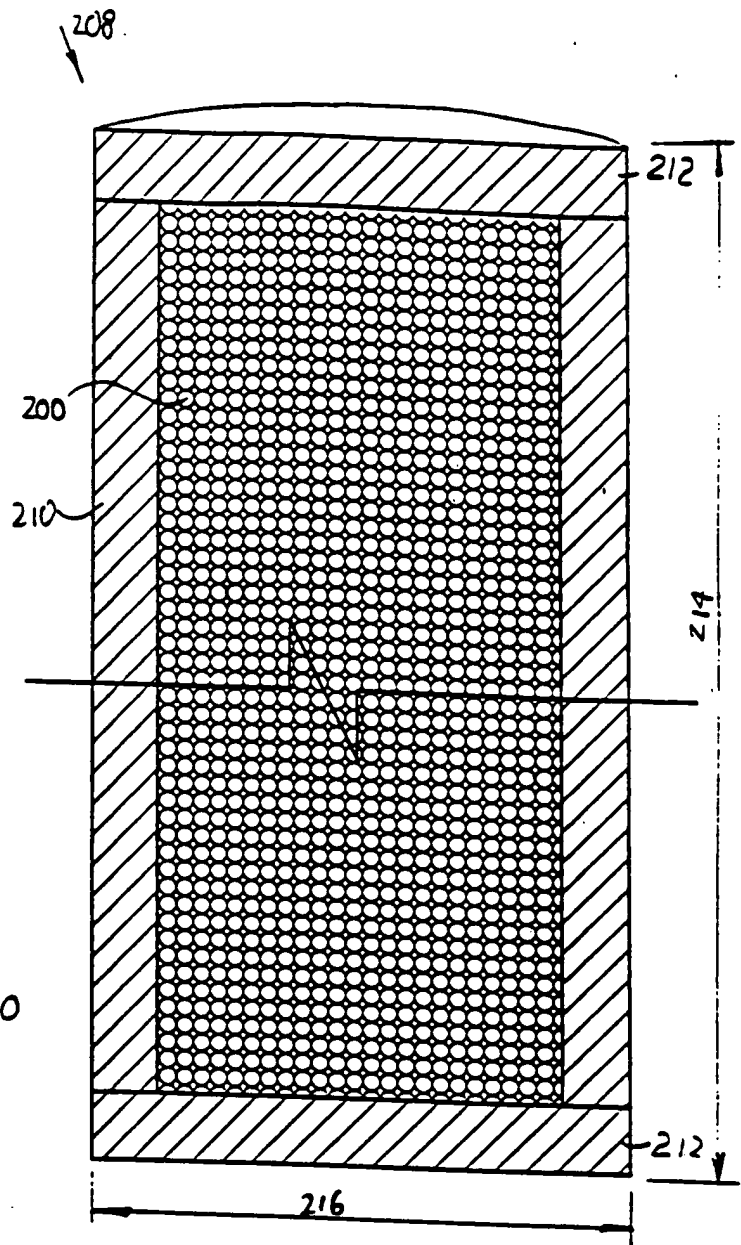


FIG 30

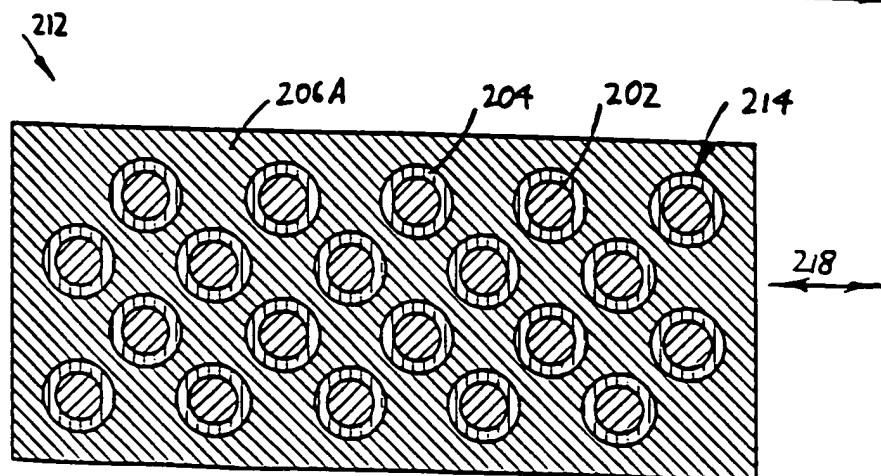


FIG 31

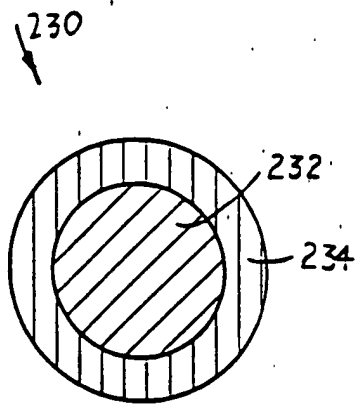


FIG 32

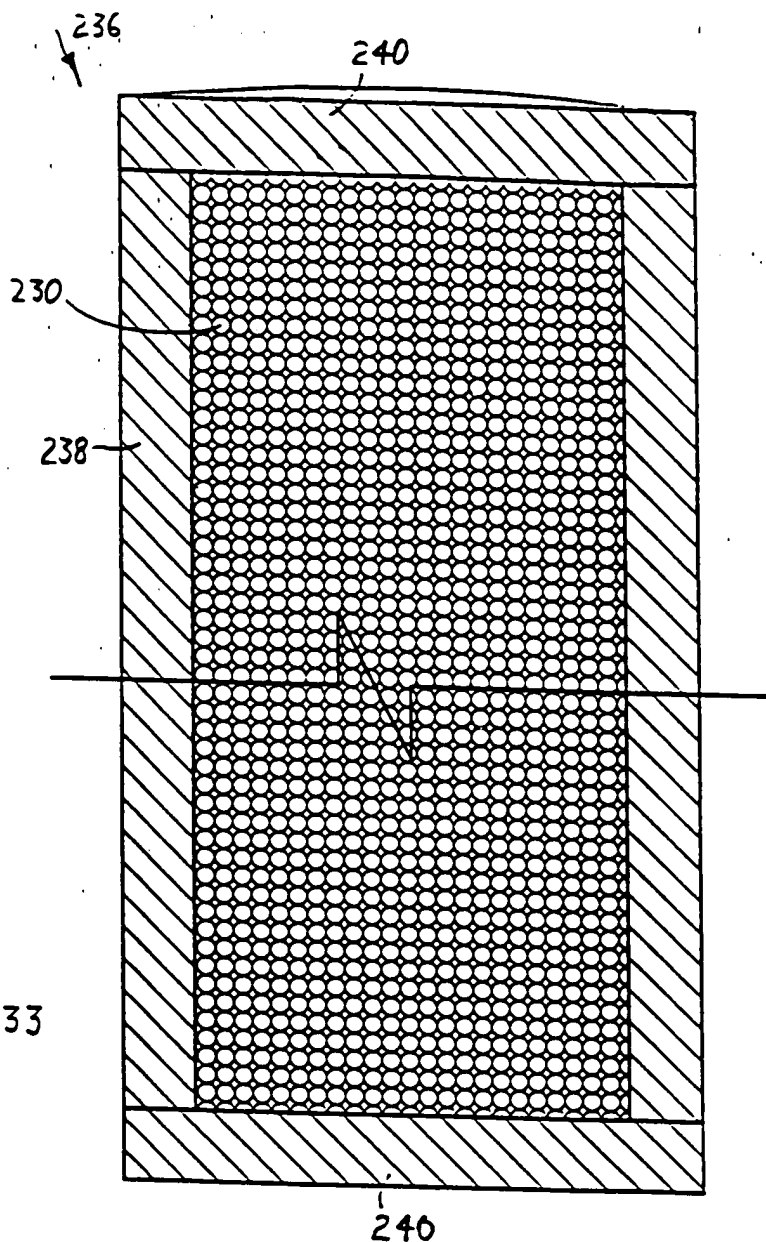


FIG 33

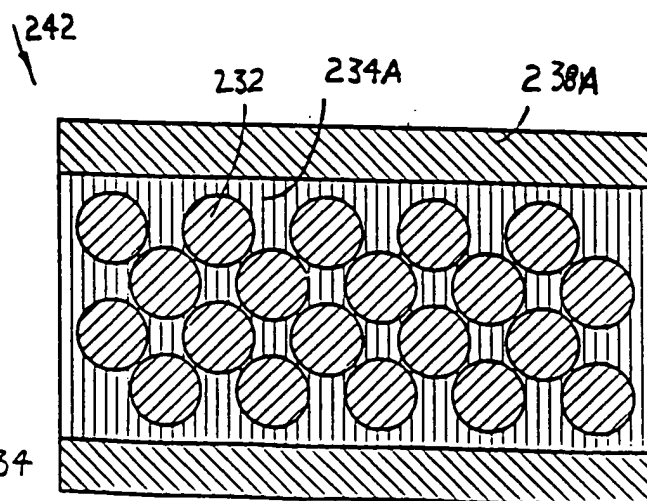


FIG 34

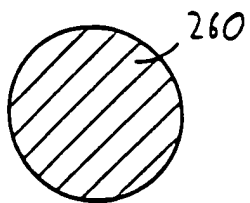


FIG 35

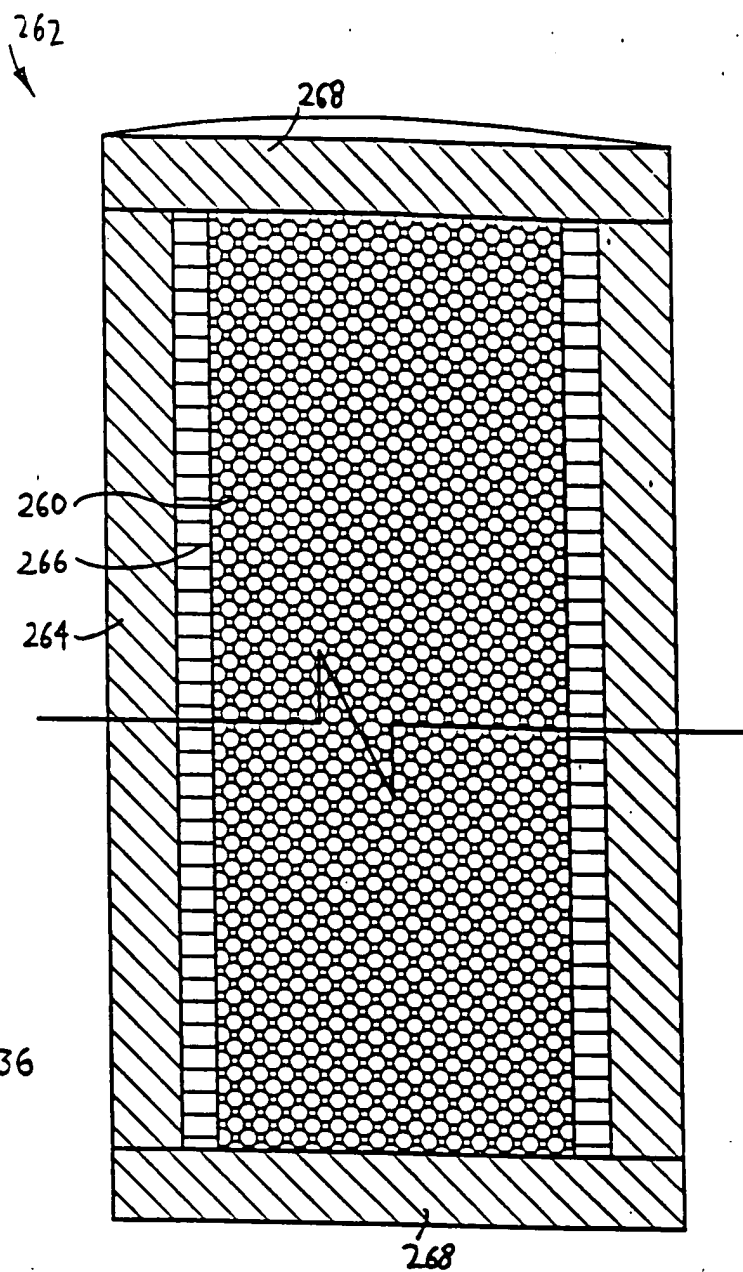


FIG 36

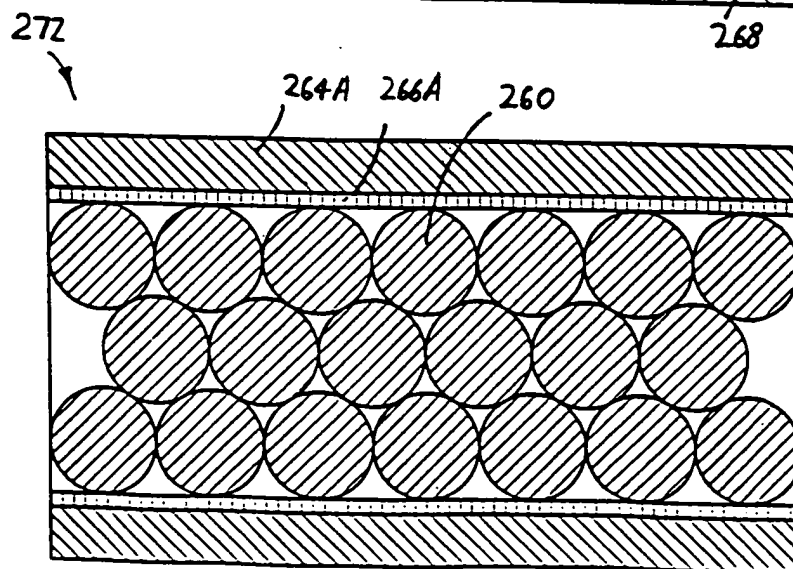


FIG 37



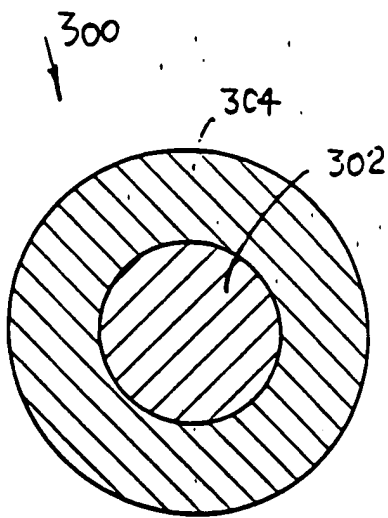


FIG 38

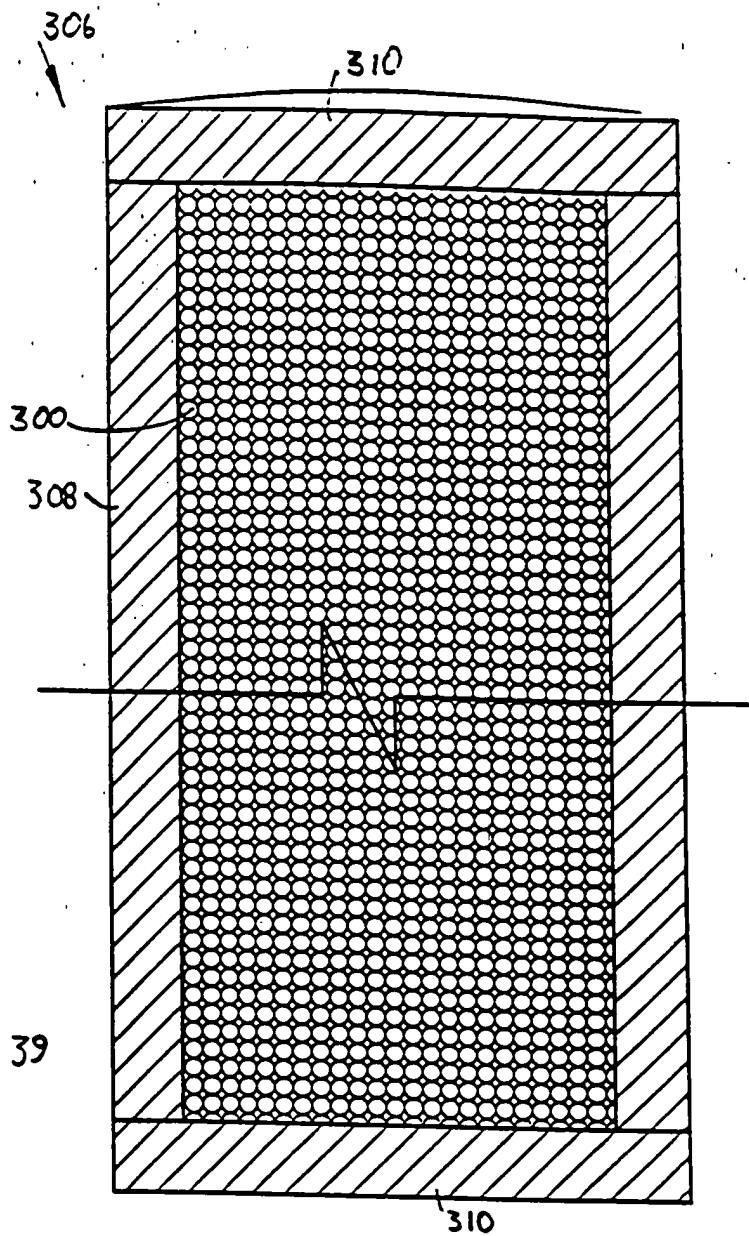


FIG 39

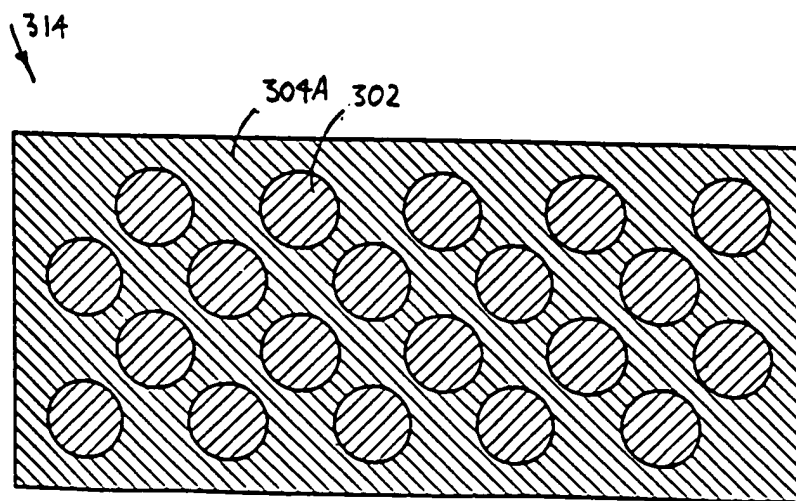


FIG 40

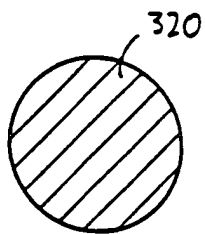


FIG 41

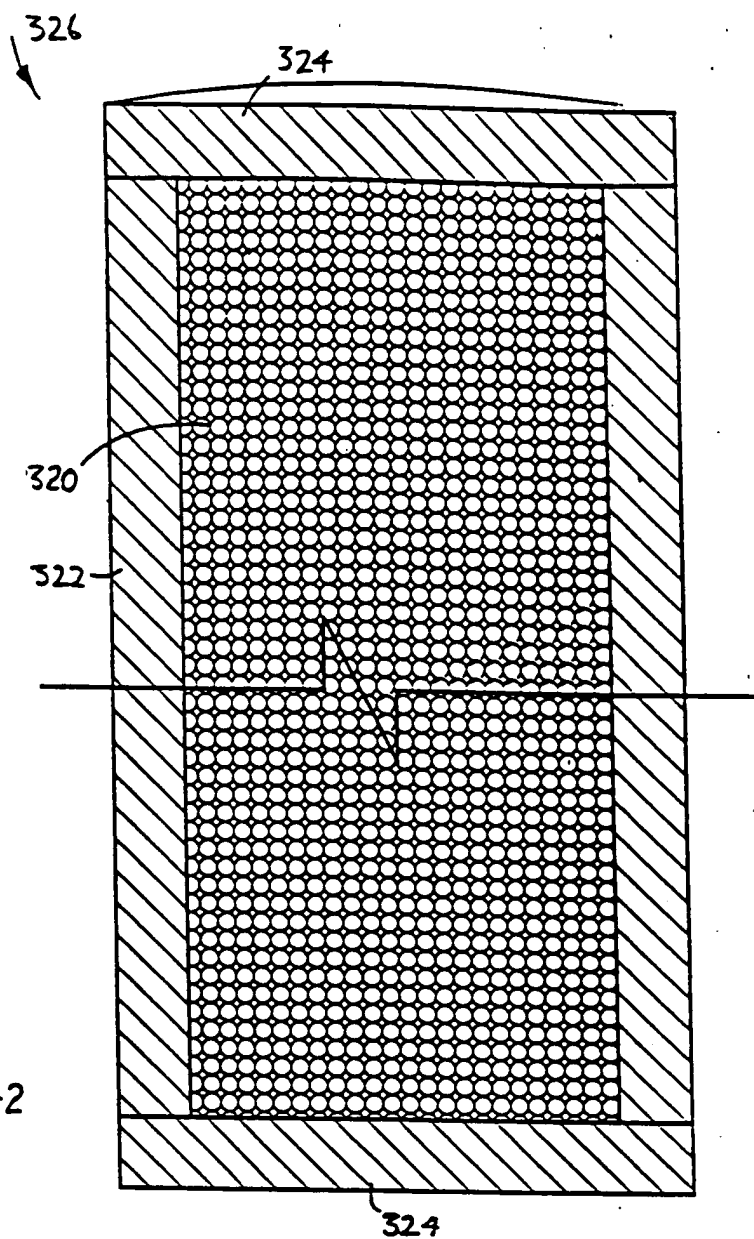


FIG 42

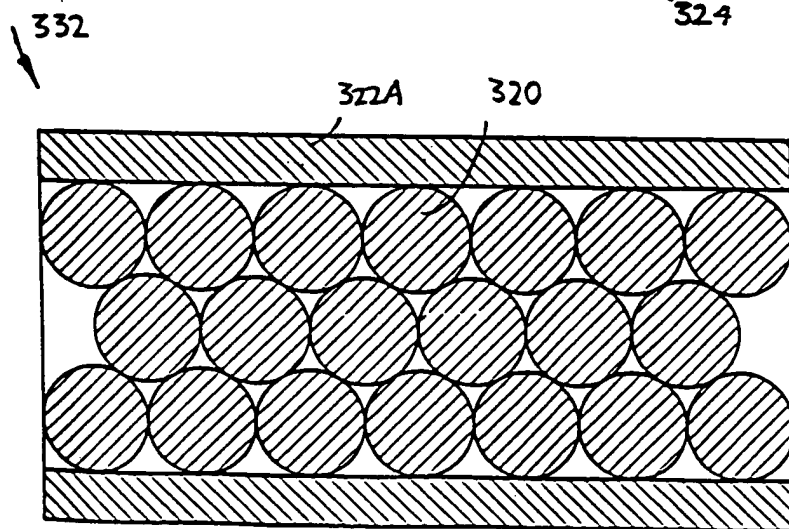


FIG 43

ENGINEERING CURRENT DENSITY vs TEMPERATURE  
FOR  $\text{MgB}_2/\text{In}$  (20% BY VOLUME) AND  
 $\text{MgB}_2/\text{Ga}$  (20% BY VOLUME) SMMC TAPE

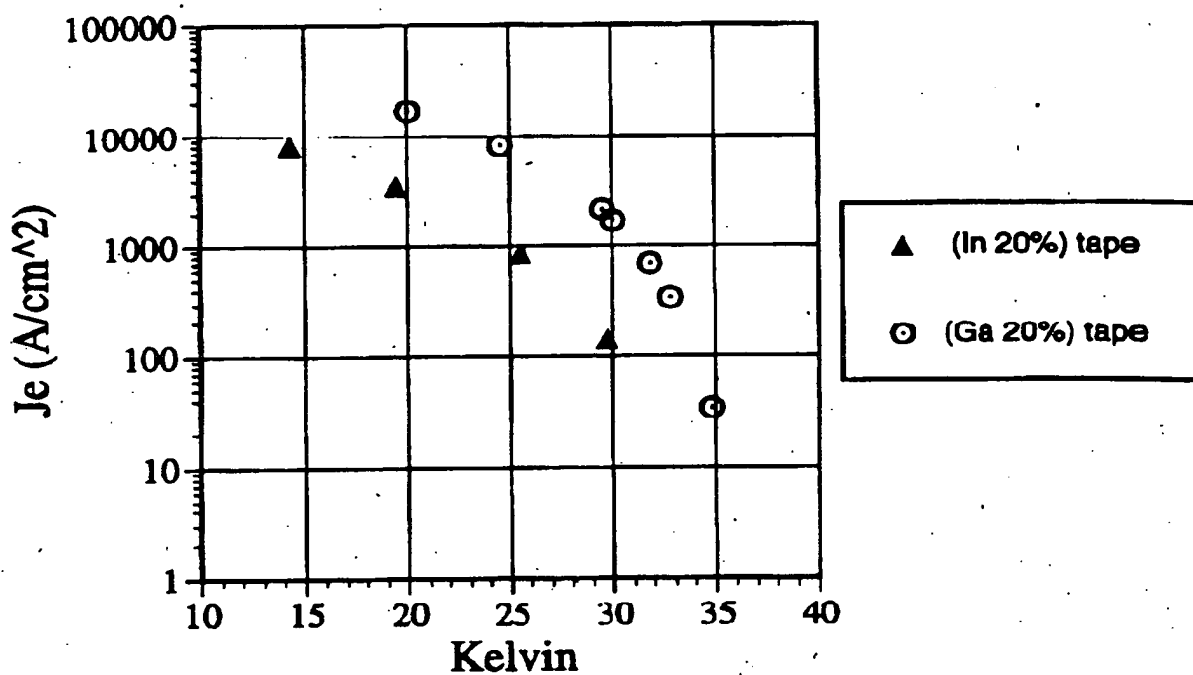


FIG 44